



## NOAA Restoration Center

### San Francisco Bay Community-Based Restoration Program-2002

#### Project Description

Local schools, community groups, and agencies will be involved in Bay restoration and monitoring to enhance wetland, estuarine, and riparian habitat along the Martin Luther King (MLK) shoreline in Oakland. The focus of the project will be native plant species propagation.

**Project Nickname** STB/RAE 2002 / RAE-02

**Location** Oakland, Alameda County, CA, 94612 SWR

**Program** Community-based Restoration **Congressional District** CA 13

**Lat, Long Coordinates** -122.2229, 37.7474 **Land Ownership** Public

**Implementation Start Date** 01-JUL-02 **Implementation End Date** 30-SEP-03

**River Basin** San Leandro CrTolay Creek & San F **HUC** 08050004

**Geographic Identifier** San Leandro Bay **USGS Topo Quad** SAN LEANDRO and OAKLAN

**Project Status** Implementation Complete **Project Type** Restoration

**Project Status Description** Part of a multi-year partnership with RAE this is year three. Additional restoration sites were added around the Bay in year two. During this year a wetlands native nursery was constructed. Martin Luther King Jr. shoreline, Tolay Creek, San Francisquito Creek and oyster sites

**Landmark**

**Number of Volunteers** 5075 **Volunteer Hours** 15027

**Volunteer Description** Save the Bay led 166 restoration programs involving 3,729 students and 1,346 adults, for a total of over 5,075 volunteers participating in education and restoration activities.

MLK - Over 6,000 native plants were planted at this site. A wetlands Native Plant nursery was constructed on site. 2,504 volunteers spent 7,512 hours toward collecting native seed and propagating and planting natives on the shoreline as well as removing non-natives.

San Francisquito Creek - over 8,000 native plants were planted and approximately 10% did not make it. in total 1,946 volunteers spent 5,838 hours towards collecting native seed, propagating and planting natives as well as non-native species removal.

Tolay Creek - A total of 559 volunteers spent 1,677 hours collecting native seed and propagating and planting natives as well as removing non-natives.

Oyster sites - mostly education occurred while waiting for SFSU to deliver results.

**Proposed Project?** **Project Closed?** Y **FY Completed** 2003

#### Habitat Information

| Type           | Acres Created | Acres Re-established | Acres Rehabilitated | Acres Enhanced | Acres Protected | Stream Miles | # Plants/Animals |
|----------------|---------------|----------------------|---------------------|----------------|-----------------|--------------|------------------|
| oyster reef    |               | 1                    |                     |                |                 |              |                  |
| tidal wetlands |               |                      |                     | 40             |                 |              |                  |

#### Species Information

| Commonname        | Genus           | Species             | Population Name | NMFS Status | Species Type |
|-------------------|-----------------|---------------------|-----------------|-------------|--------------|
| Cordgrass, smooth | <i>Spartina</i> | <i>alterniflora</i> |                 |             | plant        |
| Oyster, olympia   | <i>Ostrea</i>   | <i>conchaphila</i>  |                 |             | animal       |

#### Partners

|                                       |
|---------------------------------------|
| East Bay Regional Park District       |
| NMFS Southwest Region                 |
| National Fish and Wildlife Foundation |
| Friends of Sausal Creek               |
| San Francisco State University        |

#### Restoration Techniques

|  |
|--|
| riparian planting                      |
| removal of non-native/invasive species |
| oyster reef construction               |
| debris removal/cleanup                 |
| native plant nursery construction      |

### ***Contacts***

Marilyn Latta  
Community Restoration Specialist  
Save San Francisco Bay Association  
1600 Broadway, Suite 300

Oakland, CA 94612

Phone: 510-452-9261      Fax: 510-452-9266  
mlatta@savesfbay.org      Local

Natalie Cosentino-Manning

NOAA Restoration Center  
777 Sonoma Ave  
Rm 325

Santa Rosa, CA 95404-6515

Phone: 707-575-6081      Fax: 707-578-3435  
Natalie.C-Manning@noaa.gov      NOAA

### ***NOAA Involvement***

|                                |
|--------------------------------|
| technical assistance/expertise |
| source of funding              |

### **Monitoring Information**

| <b>Characteristic</b>               | <b>Type</b> |
|-------------------------------------|-------------|
| Vegetation species presence/absence | Structural  |
| Vegetation % Cover                  | Structural  |
| Percent survival                    | Structural  |

### **Additional Info**

water quality-add parameters

### ***Funding Information***

#### **Funding Mechanism**

|                             | <b>FY<br/>Awarded</b> | <b>NOAA<br/>Contribution</b> | <b>Partnership<br/>Contribution</b> | <b>Total Partnership<br/>Contribution</b> |
|-----------------------------|-----------------------|------------------------------|-------------------------------------|---|
| Restore America's Estuaries | 2002                  | \$125,000                    | \$0                                 | \$125,000                                 |
| Restore America's Estuaries | 2003                  | \$30,000                     | \$0                                 | \$30,000                                  |
| <b>TOTALS</b>               |                       | \$155,000                    | \$0                                 | \$155,000                                 |

**Other Non-Federal \$**       **Other Federal \$**       **Total Project Cost**

**Funding Recipient** Save San Francisco Bay Association

**Funding Comments** Funds are for the 2002 scope of work, and a 2002 competitive round. Entered required 1:1 match.  
Recipient may have overmatched. MLG 3-19-04.

### ***Project Abstract***

In a continuation from year one, this project has been expanded to include two new riparian, tidal slough restoration projects at Tolay Creek and San Francisquito Creek. This third year also looked at oyster settlement on oyster strings that were placed at five sites (Sausal Creek, Richardson Bay, Coyote Point, Redwood Creek and San Pablo Creek) around the Bay. Volunteers removed non-native vegetation, planted site specific native plants and propagated collected seeds. For the oyster projects volunteers monitored native oysters on 10ft long shell strings. A total of 5075 volunteers took part in restoration efforts. Over 15,000 plants were planted and over 5,000 pounds of non-native species were removed. The oyster project is on hold and waiting for results for San Francisco State University.